

CCSU Lesson Plan Template

Student Teacher: Ms. Munoz	Grade Level: 5th Grade
Lesson Date: October 1, 2015	Name of Lesson: Phases of the Moon

Common Core State Standard(s)

5.3 — most objects in the solar system are in a regular and predictable motion.

CSCF 5.3. A. The positions of the earth and moon relative to the sun explain the cycles of day and night, and the monthly moon phases.

Student Learning Objective(s)

Explain the motion of the earth relative to the sun and moon;
Understand how the moon goes through phases;
Identify each phase and describe the changes during different phases of the moon;

Rationale for Objective:

Prior to this lesson students will have learned about the motion of objects, such as the sun and the effect mass, push and pulls have on it. Students will now incorporate the motions of Earth and Moon that lead to different moon phases.

Assessment

I will be observing students as they read through the presentation and complete assigned work. Some students may need more time reading through the presentation and completing work. Students will also be assessed when playing “Moon Match” online.
From there, the class will be split into three groups to change pace. Each group will come up with one thing they learned and enjoyed from the lesson.
Students will also be memorizing and performing Moon phase rap song in assigned groups.

Classroom Learning Environment Focus

Students will begin the lesson in their seats. Students are expected to go through each part of the presentation and gain knowledge about the Sun, Earth and the Moon. Once the class has finished going through the presentation they are to complete the online matching game. Students will then be separated into three groups where they will then transition to group discussion and practice there section of the song.

Instructional Model/Strategy

Concept Development Model- students will be building on their prior knowledge and enhances information that allows them to understand more and more intricate and intellectual ideas.

Direct-Instruction Model – I structured the topic for the lesson and explained it students. Students then have opportunities to practice, discuss and give feedback.

Cooperative Learning- Students will work in assigned groups to learn and perform phases of the moon rap song.

Materials/Resources needed for this lesson

- Grade 5 Science Standards for Connecticut
- Computers/ Smart board
- Headphones/ Speaker
- Phases of the Moon rap lyrics
- MS Word tutorial for students who need the extra help
- Loose leaf paper and pencil for notes
- Screencast (YouTube video)- <https://www.youtube.com/watch?v=A9v5CQ4TyvA>
- Think link presentation- <https://www.thinglink.com/scene/705951775307333634>
- Phases of the moon Rap song-<https://www.youtube.com/watch?v=79M2ISVZiY4>
- Moon Matching Game http://teachers.henrico.k12.va.us/staffdev/clough_d/DragDrop/MoonMatch.swf

Daily Formative Assessment

Informal Observation- I will be walking around the class and observing student's ability in the game when putting the images of moon with the exact phase name in the correct order.

Differentiating Instruction

Communicating, discussing/explaining ways to understand and learn the different phases.

Visual- Students will see a video of the Earth, Sun and Moon and how they revolve around each other.

Visual/Auditory Learners- students using the tutorial of the lesson.

Initiation

I plan on capturing student's attention with the phases of the moon rap song.

1. Students will begin by going to the thing link page I created.
2. They will then hover over the presentation with their mouse to see the different bullets.
3. After students listen to the rap song (Bullet A) they will continue to the sun and earth and watch a video about the motions of the three being relative to one another (Bullet B & C).
4. Students will then continue to Bullet D after reading and understanding tag B and C. If you hover over tag D, information about that specific phase will appear.
5. Followed by D students then go to tag E which will have information about that specific phase. You will continue to do this for each phase in the same direction (counter clockwise) until you reach tag D again.
6. Following the presentation, students will go on a search engine and search for "Moon Match Game". You will click on the link that says "Moon Match- Henrico".
7. Students will drag the moons on the bottom left page along with the labels of moon phase names in the correct order. The first phase has already been done. When students are finished they should call their teacher over so that they see you've completed the assignment
8. Separate students into three groups and have a group discussion about what students just learned as well as any comments.
9. Finally students will be able to practice the rap song as a group and then perform it.

Lesson Development

- Students will be asked what the phases are, how many are there and why the appearance of the moon changes.
 - Students will also be asked what they've learned and enjoyed from the lesson.
 - I will be able to check for understanding during the lesson when students are playing the moon match game.
1. I will play the phases of the moon rap for the child
 2. I will give students who need extra attention a vocabulary sheet with the keywords in the lesson as well as go over it with them. I will also create an online sheet for the student so that the student doesn't feel uncomfortable with other students watching them receive extra attention.
 3. The student or students will then go through the presentation and pair up with another student to talk about what they read and learned.
 4. To ensure they understand and are grasping the content I would recommend the pairs to go through each tag on the thing link page again.

5. I would then have students go to the moon matching game and work in pairs or with me so that they don't feel so pressured and can ask for help if needed.
6. If the previous step isn't successful I will allow the student to go through the presentation again and give the game another try.

Closure

I would go over the 8 phases of the moon again and ask questions surrounding the lesson.

Students will have group discussions about the lesson, what they learned from it, what they liked and disliked about it as well.

A student from each group will share what there group talked about and how they feel about the lesson.

As a class we can talk about different strategies and activities they think they would enjoy and learn from for the next lesson so that the students have a say as well.

Students will also perform the phases of the moon rap song.

I will also explain to students that a song or rap like the one they are learning can be done about any topic.

Reflection on Practice

Common Core of Teaching Connection